

Projections for Planning Purposes Only -- *Not to be Used without Updating*
2018 Estimated Costs and Returns per Acre
Sugar Cane, Planted, Furrow Irrigated, Rio Grande Valley
South Extension District - 12

Crop Acres		100				Enterprise
REVENUE	Quantity	Units	\$/Unit	Total	Total	Total
Sugar Cane	50.00	Ton	\$17.00	\$850.00	\$85,000.00	\$85,000.00
Total Revenue				\$850.00	\$85,000.00	\$85,000.00
VARIABLE COSTS	Quantity	Units	\$/Unit	Total	Total	Enterprise
Production Costs						
Custom						
Seed Cane Transport/Distribution	1	Acre	\$170.00	\$170.00	\$17,000.00	\$17,000.00
Seed Cane Covering	1	Acre	\$9.20	\$9.20	\$920.00	\$920.00
Fixed Harvesting - SC	1	Acre	\$160.00	\$160.00	\$16,000.00	\$16,000.00
Variable Harvesting - SC	50	Ton	\$3.50	\$175.00	\$17,500.00	\$17,500.00
Hauling - SC	50	Ton	\$3.20	\$160.00	\$16,000.00	\$16,000.00
Fertilizer						
Fertilizer 10-34-0	2.4	CWT	\$35.00	\$84.01	\$8,400.60	\$8,400.60
UAN (32% N)	3.3	CWT	\$15.08	\$49.76	\$4,975.74	\$4,975.74
Herbicide						
Atrazine 4L	6	Pint	\$1.90	\$11.42	\$1,142.47	\$1,142.47
Pendimethalin	9.6	Pint	\$6.11	\$58.68	\$5,867.64	\$5,867.64
Miscellaneous						
Insurance, Sugarcane	1	Acre	\$15.00	\$15.00	\$1,500.00	\$1,500.00
Seed						
Seed Cane	4.5	Ton	\$35.73	\$160.80	\$16,080.12	\$16,080.12
Other Labor						
Unallocated Labor	0.5	Hour	\$12.00	\$6.00	\$600.00	\$600.00
Irrigation						
Water Cost	5.50	Acre/Foot	\$20.00	\$110.00	\$11,000.00	\$11,000.00
Irrigation Labor	7.70	Hour	\$12.00	\$92.40	\$9,240.00	\$9,240.00
Machinery Labor						
Tractors/Self-Propelled	1.21	Hour	\$12.00	\$14.52	\$1,452.00	\$1,452.00
Diesel Fuel						
Tractors/Self-Propelled	5.89	Gallon	\$2.10	\$12.37	\$1,236.90	\$1,236.90
Repairs & Maintenance						
Tractors/Self-Propelled	1	Acre	\$12.48	\$12.48	\$1,248.09	\$1,248.09
Implements	1	Acre	\$9.66	\$9.66	\$965.72	\$965.72
Interest on Credit Line			5.00%	\$41.22	\$4,121.69	\$4,121.69
Total Variable Costs				\$1,352.51	\$135,250.97	\$135,250.97
Planned Returns Above Variable Costs:				(\$502.51)	(\$50,250.97)	(\$50,250.97)
Breakeven Price to Cover Variable Costs			\$27.05	Ton		
FIXED COSTS	Quantity	Units	\$/Unit	Total	Total	Enterprise
Machinery Depreciation						
Tractors/Self-Propelled	1	Acre	\$12.90	\$12.90	\$1,289.70	\$1,289.70
Implements	1	Acre	\$12.14	\$12.14	\$1,214.12	\$1,214.12
Equipment Investment						
Tractors/Self-Propelled	\$100.47	Dollars	7.00%	\$7.03	\$703.30	\$703.30
Implements	\$52.81	Dollars	7.00%	\$3.70	\$369.65	\$369.65
Allocated Establishment Cost	1	Acre	\$2.11	\$2.11	\$211.00	\$211.00
Cash Rent, Sugar Cane	1	Acre	\$110.00	\$110.00	\$11,000.00	\$11,000.00
Total Fixed Costs				\$147.88	\$14,787.76	\$14,787.76
Total Specified Costs				\$1,500.39	\$150,038.73	\$150,038.73
Returns Above Specified Costs				(\$650.39)	(\$65,038.73)	(\$65,038.73)
Breakeven Price to Cover Total Costs			\$30.01	Ton		

Example Breakeven Prices				
Example	Example	To Cover	To Cover	
Yield	Yield	Variable	Total	
Percent	Ton	Costs	Costs	
75%	37.50	\$36.07	\$40.01	
90%	45.00	\$30.06	\$33.34	
100%	50.00	\$27.05	\$30.01	
110%	55.00	\$24.59	\$27.28	
125%	62.50	\$21.64	\$24.01	

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Information presented is prepared solely as a general guide and not intended to recognize or predict the costs and returns from any one operation. Brand names are mentioned only as examples and imply no endorsement.